

Appl. No. 10/052,384

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Reply to NON-FINAL Office action of May 12, 2003

CLAIM AMENDMENTS:

Claims 1-6 are currently pending in the application.

Please cancel claims 1-6 without prejudice or disclaimer as to the subject matter of claims 1-6.

Please add claims 7-16 as shown below.

The following listing of claims 1-16 will replace all prior versions, and listings, of claims in the application:

1.-6. (Cancelled)

7. (New) A method of producing a track (12) on a substrate (10), the method comprising:

spraying and solidifying a first liquid (1) on the substrate (10) to form a removable relief pattern (11) on the substrate (10) for laterally bounding the track (12); and

spraying and solidifying a second liquid (2) on at least one of the substrate (10) and the removable relief pattern (11) to form the track (12) on the substrate (10) within the removable relief pattern (11).

8. (New) The method of claim 7,

wherein the first liquid (1) is sprayed in a first direction along the substrate (10); and

wherein the second liquid (2) is sprayed in the first direction along the substrate (10) subsequent to the spraying of the first liquid (1) in the first direction along the substrate (10).

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9. (New) The method of claim 7,
wherein the first liquid (1) and the second liquid (2) are
concurrently sprayed in a first direction along the substrate
(10).

10. (New) The method of claim 9,
wherein a first liquid portion of the first liquid (1)
sprayed on the substrate (10) solidifies into a first solid
portion of the relief pattern (11) prior to a spraying of a
second liquid portion of the second liquid (2) on the substrate
(10) adjacent the first solid portion of the relief pattern
(11).

11. (New) The method of claim 7, further comprising:
removing the relief pattern (11) from the substrate (10)
subsequent to a formation of both the relief pattern (11) and
the track (12) on the substrate (10).

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12. (New) A method of producing a track (12) on a substrate (10), the method comprising:

spraying and solidifying a first liquid (1) on the substrate (10) to form a relief pattern (11) on the substrate (10) for laterally bounding the track (12); and

spraying and solidifying a second liquid (2) on at least one of the substrate (10) and the removable relief pattern (11) to form the track (12) on the substrate (10) within the removable relief pattern (11),

wherein a first solidified portion of the first liquid (1) bonds to the substrate (10), and

wherein a second solidified portion of the first liquid (1) avoids the substrate (10) and repels the second liquid (2).

13. (New) The method of claim 12,

wherein the first liquid (1) is sprayed in a first direction along the substrate (10); and

wherein the second liquid (2) is sprayed in the first direction along the substrate (10) subsequent to the spraying of the first liquid (1) in the first direction along the substrate (10).

14. (New) The method of claim 12,

wherein the first liquid (1) and the second liquid (2) are concurrently sprayed in a first direction along the substrate (10).

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15. (New) The method of claim 12,

wherein a first liquid portion of the first liquid (1) sprayed on the substrate (10) solidifies into a first solid portion of the relief pattern (11) prior to a spraying of a second liquid portion of the second liquid (2) adjacent the first solid portion of the relief pattern (11).

16. (New) A method of producing a track (12) on a substrate (10), the method comprising:

spraying and solidifying a first liquid (1) on the substrate (10) to form a relief pattern (11) for laterally bounding the track (12); and

spraying and solidifying a second liquid (2) on at least one of the substrate (10) and the removable relief pattern (11) to form the track (12) on the substrate (10) within the removable relief pattern (11),

wherein the first liquid (1) includes a compound selected from a thiol group whereby a first solidified portion of the first liquid (1) bonds to the substrate (10) and a second solidified portion of the first liquid (1) avoids the substrate (10) and repels the second liquid (2).